



## 3.1 dBi Omnidirectional Dipole Antenna

### General Description

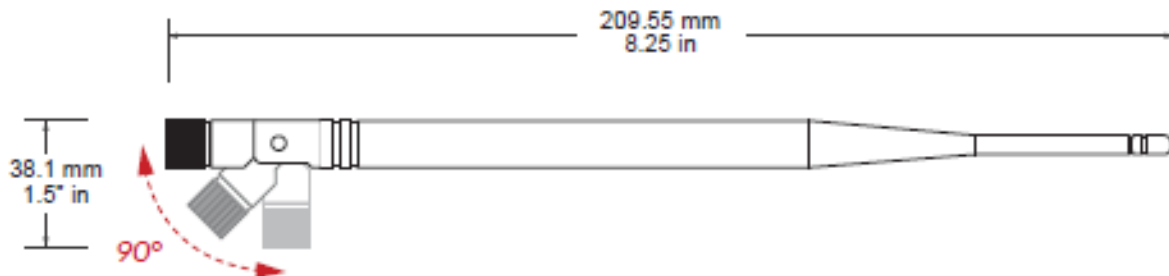
The Monnit 3.1 dBi High Gain Dipole Antenna with RP-SMA male connector offers high performance over the 900 and 868 megahertz (MHz) bands. The dipole antenna's increase in signal or gain is 3.1 decibels relative to an isotropic radiator (dBi).

In addition to the connector, the antenna features a flexible rubber exterior and measures 15.56 inches (210 mm) long. The 3.1 dBi High Gain Dipole Antenna helps deliver strong-signal, long-range ALTA Sensor data communications in virtually any environment.



### Specifications

Part Number	MNA-AN-31-900
Gain	3.1 (dBi)
VSWR	1.8 max
Length	210 mm (18.27 inches)
Polarization	Vertical
Impedance	50 $\Omega$
Antenna Connector	RP-SMA male
Frequency Range (MHz)	900 and 868 MHz bands





## 5.1 dBi Omnidirectional Dipole Antenna

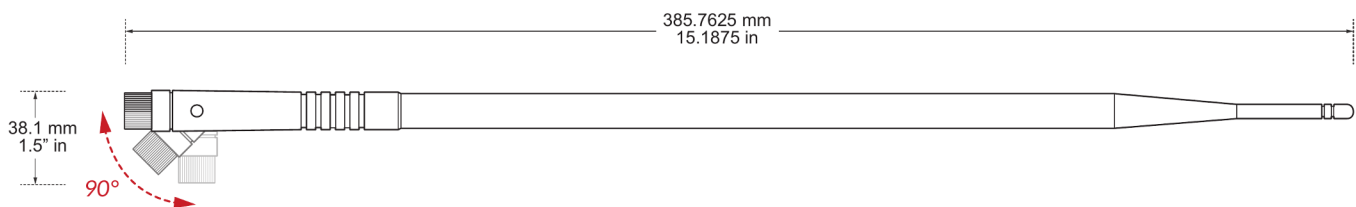
### General Description

Monnit's 5.1 dBi High Gain Rubber Duck Dipole Antenna with RP-SMA male connector offers high performance over 900–930 megahertz (MHz) bands. The dipole antenna's increase in signal or gain is 5.1 decibels relative to an isotropic radiator (dBi).

Measuring 15.56 inches (395mm) long, our 5.1 dBi High Gain Rubber Duck Antenna delivers strong-signal communications in virtually any environment. With an IP65 rating, the antenna is protected from dust ingress and is water-resistant to low-pressure water coming from any direction.



Specifications	
Part Number	MNA-AN-51
Gain	5 (dBi)
VSWR	2.0 max
Length	395mm (15.56 inches)
Polarization	Vertical
Impedance	50 $\Omega$
Antenna Connector	RP-SMA male
Housing Rating	IP65
Frequency Range (MHz)	902 - 928
Weight	45.3g (1.6 oz)





## Puck Antenna

### General Description

The low-profile High Gain Puck Antenna is totally enclosed, secure, and waterproof for data transmission. The Puck Antenna's increase in signal or gain is 1–3 dBi (decibels relative to an isotropic radiator).

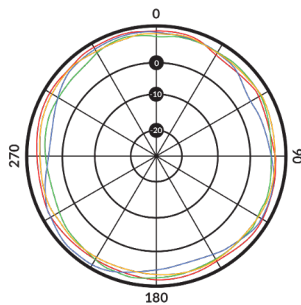
The High Gain Puck Antenna is ideal for wireless communications where you require a discrete antenna but can't compromise on performance.



Specifications	
Part Number	MNA-AN-PU
dBi	1-3
Diameter	80mm (3.14 inches)
Thickness	15mm (0.59 inches)
Mounting Nut	M12
Coax Lead Length	91.4cm (36 inches)
Antenna Connector	RP-SMA male
Housing Rating	IP65
Supported Frequencies (MHz)	868, 900, 920, 940
Weight	68 g (2.4 oz)

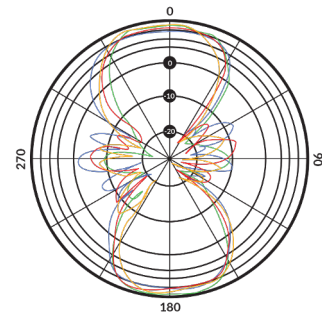
Horizontal Gain Pattern

- 868 MHz
- 900 MHz
- 922 MHz
- 940 MHz



Vertical Gain Pattern

- 868 MHz
- 900 MHz
- 922 MHz
- 940 MHz



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